## Rencontre de Physique des Particules 2011



ID de Contribution: 45 Type: 15+5

## On the consistency between CP violation in the K vs. B\_d systems within the Standard Model

jeudi 13 janvier 2011 10:40 (20 minutes)

In the K and B\_d systems, indirect CP violation is quantified by the parameters epsilon\_K and sin2beta respectively. Within the Standard Model, the uniqueness of the CP violating phase implies that the measurement of either between K and sin2beta permits to predict the other. Since both these parameters are very well measured, this turns into a powerful test of consistency. I discuss the status of this test, especially in the light of recent advances on the epsilon\_K formula.

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Classification de thématique: Main